

Amendments to the Claims:

This listing of claims reflects all claim amendments and replaces all prior versions, and listings, of claims in the application. Material to be inserted is in **bold and underline**, and material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[]].

Please amend claims 1 and 4 as indicated below.

1. (Currently Amended) A process for the manufacturing of a mattress comprising a bottom piece, longitudinal pieces, cross pieces, and a top piece, said pieces being of the same material, and a core, characterised in that a liquid moulding substance (2) of the same material as the named pieces is used to join ~~the~~ **a plurality of discrete pieces comprising a bottom piece, longitudinal pieces, cross pieces, and a top piece** by applying the liquid moulding substance in streaks in the contact area between the **discrete** pieces only.

2. (Previously presented) A process according to claim 1, characterised in that the pieces comprise a foam material which may be brought into a liquid state and subsequently hardened.

3. (Previously presented) A process according to claim 2, characterised in that the foam material is polyurethane.

4. (Currently Amended) A process according to any one of claims 1 to 3, characterised in that it comprises the following steps, wherein:

- (I) the bottom piece is laid out;
- (II) the moulding substance is applied to the longitudinal edges and cross edges on one surface side of the bottom piece;
- (III) the longitudinal pieces and cross pieces are lowered into the moulding substance and the moulding substance is hardened;
- (IV) the moulding substance is applied on the same surface side of the bottom piece between the longitudinal pieces and cross pieces;
- (V) a core is lowered into the moulding substance and the moulding substance is hardened; and
- (VI) a top piece is provided with moulding substance and turned with the moulding substance facing the named upright longitudinal pieces and cross pieces and lowered onto the same and the moulding substance is hardened.

(I)

5. (Previously presented) A process according to claim 4, characterised in that in step II, the moulding substance is applied to the under edges of the longitudinal pieces and cross pieces simultaneously or in any order successively.

6. (Previously presented) A process according to claim 4, characterised in that in step IV, the moulding substance is applied to the under side of the core.

7. (Previously presented) A process according to claim 4, characterised in that the steps II and IV are performed simultaneously or in any order successively.

8. (Previously presented) A process according to claim 4, characterised in that the steps III and V are performed simultaneously or in any order successively.

9. (Previously presented) A process according to claim 4, characterised in that it further comprises a step wherein:

(VII) the moulding substance is injected into the corner joints between the longitudinal pieces and cross pieces.

10. (Previously Presented) A process according to claim 4, characterised in that one or more steps are automated.